



COUNCILMEMBER DAVID ALVAREZ

City of San Diego

Eighth District

MEMORANDUM

DATE: April 26, 2012

TO: Councilmember Sherri S. Lightner
Councilmember Lorie Zapf

FROM: Councilmember David Alvarez

SUBJECT: Nominations to the Water Policy Implementation Task Force

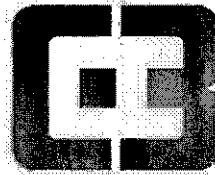
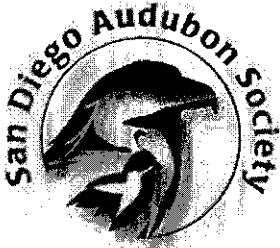
In response to your request on April 13, 2012 for nominations to the Water Policy Implementation Task Force, I have prepared the following list. The following candidates are my recommendations for the positions available on the Task Force. I have also attached their resumes to this memo.

| Background | Candidate | Organization |
|-----------------------------------|------------------|--|
| Environmental Advocacy | Julia Chunn-Heer | Surfrider Foundation |
| Business and Economic Development | Ted Shaw | Latitude 33 |
| Water Technology and Hydrology | Dawn Guendert | GHD |
| Hospitals and Healthcare | Bruce Rainey | Scripps Health |
| Water Supply and Climate Research | Dan Cayan | Scripps Institution of Oceanography |
| Ratepayer Advocacy | Chris Cate | San Diego County Taxpayers Association |
| Biotechnology and Life Sciences | Faith Picking | BIOCOM |
| Building and Facilities Industry | Cary Lowe | San Diego Riverpark Foundation |
| Landscaping Industry | Glenn Schmidt | Schmidt Design Group, Inc. |
| Water Law | Keith Solar | Buchanan, Ingersoll & Rooney LLP |
| Hotels, Restaurants, and Tourism | Corrine Brindley | Sea World |

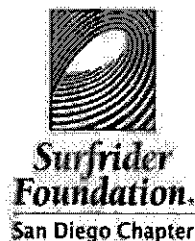
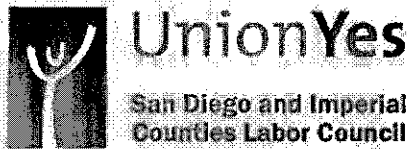
DAA/jcr

WATER RELIABILITY COALITION

Advocating for local water purification



Friends of Infrastructure



Executive Committee

January 2006-December 2006

- Responsible for community outreach and education, event planning, and fundraising

SCRIPPS INSTITUTION OF OCEANOGRAPHY

Research Assistant

October 2004-February 2005

- Research assistant, compile information for a book on coral reefs, assist with monitoring efforts

Birch Aquarium Volunteer

October 2005 -June 2006

- Discovery Lab teacher, aquarium tours, and lead whale watching tours

SKILLS

Knowledge of environmental issues • Significant knowledge of water-related issues in the San Diego area •
Management and research skills • Grassroots volunteer coordination • Public speaking •

Speaking Engagements

UCLA Future of Water in Southern Conference Jan 2012 • Assembly Water Parks and Wildlife Committee
Informational and Oversight Hearing *Untapped Potential: Water Reuse for California's Future Water Supply*
Reliability Mar 2012 •



Curriculum Vitae

Dawn Guendert Sr. Project Manager



Qualified. University of California, San Diego. BA in Political Science. 1988.

Connected. American Water Works Association. American Membrane Technology Association. WaterReuse Association. City of San Diego Regional Chamber of Commerce Water & Energy committee, Surfrider Foundation, San Diego Chapter. San Diego Coastkeepers

Relevance to project. Ms. Guendert specializes in the development and design of membrane systems for drinking water, recycled water, and wastewater applications and has served as Project Manager for recycled water and desalination projects in California. She has approximately 20 years of extensive experience in all aspects of the development of a membrane treatment plant including feasibility studies, pilot studies, preliminary and final design, and procurement.

Deputy Project Manager for San Diego County Water Authority Camp Pendleton Desalination Additional Siting Evaluation Study

SDCWA, San Diego, CA

Managing a team that is developing the treatment process, layout, power supply and site access for two proposed sites for an ocean water desalination facility on Camp Pendleton.

Project Manager for the Los Angeles Terminal Island Advanced Water Treatment Facility Membrane Performance Evaluation LABOE, Los Angeles, CA

The project includes determining the useful remaining life of the MF and RO membranes and proposing recommendations to optimize performance and increase reliability of the membrane systems at an advanced treatment recycled water facility. Relevant responsibilities included:

- Identified opportunities to improve membrane system performance and reduce operating costs.
- Worked with multiple membrane manufacturers to develop cost estimates

for system upgrades and new membrane systems.

Project Manager for the Olivenhain Municipal Water District Opportunities and Constraints Analysis of the Eastern San Elijo Lagoon/Western Escondido Creek Area and the San Dieguito Water Basin.

Olivenhain MWD, Encinitas, CA

Managed a team that investigated brackish water flows, water quality, treatment process and treatment facility design and potential sites. Development of the San Elijo Lagoon/Escondido Creek area and/or the San Dieguito Basin as potable water sources as well as various non-technical issues, including water and pumping rights, environmental issues and mitigation or compliance measures, and permitting/regulatory compliance.

Project Manager for the West Basin Municipal Water District Dominguez Channel Opportunities and Constraints Analysis

West Basin MWD, Carson, CA

The project included developing water quantity and quality information, treatment process and potential sites, along with environmental,



Curriculum Vitae

Other related areas of interest

- Stakeholder
 - City of San Diego 2006 Water Reuse Study. Represented San Diego Regional Chamber of Commerce at two American Assembly Stakeholder workshops.
 - City of San Diego Recycled Water Study 2012. Represented San Diego Surfrider Foundation at Stakeholder workshops.
- **Recognised.** WaterReuse Association, California Section Advocate of the Year 2010 (as a member of the Water Reliability Coalition); Siemens/Memcor Salesperson of the Year 2002.
- **Published.**
 - Al Bazzi, Slavica Hammond, Kenneth Redd, Michael Sarullo, Roshanak Aflaki, **Dawn Guendert**; "Microfiltration and Reverse Osmosis Membrane Replacement Understanding Operating Process Data and Autopsy Data Projection of Useful Remaining Life", presented at WEFTEC 2011
 - Robert Huehmer, Lisa Henthorne, **Dawn Guendert**, "Increasing MF/UF Reliability in Seawater Desalination Pretreatment Applications using Enhanced Pre-filtration", presented at IDA World Congress, Singapore 2005.
 - **Dawn Guendert**; "Orange County's Innovative Water Reuse Project to Purify 70 mgd in 2007", AWWA Journal, July 2004.
 - **Dawn Guendert**, Ed Jordan; "Urban Reuse: Bringing Water Treatment Where It's Needed Most", AWWA Journal, June 2004
 - Kevin Alexander, **Dawn Guendert**, Tom Pankratz; "Comparing MF/RO Performance on Secondary and Tertiary Effluents in Reclamation Applications", presented at IDA Conference, Bahamas 2003.
 - **Dawn Guendert**; "Carmichael Bajamont Way WTP Treats Backwash to Maximize Recovery and Minimize Waste Disposal", AMTA Journal, Fall 2004.
 - Marek Mierzejewski, **Dawn Guendert**; "Membranes for Reuse: Industrial Applications using Microfiltration as RO Pretreatment", Ultrapure Magazine, October 2004.
 - **Dawn Guendert**; "Case Study" Bendigo – 33 MWD WTP Successfully Meets the Challenge"; AMTA Journal, Spring 2004
 - **Dawn Guendert**; "Membrane Filtration Conquers Water quality at Australian Plant, Water & Wastewater Asia Journal, 2004.
 - **Dawn Guendert**; "Utility Turns to Integrated Membrane System for Wastewater Reclamation," Water World Magazine, March 2003

Daniel R. Cayan

Scripps Institution of Oceanography & U.S. Geological Survey
9500 Gilman Drive, La Jolla, CA 92093-0224 (858) 534-4507 dcayan@ucsd.edu

Education

1971 B.S. Degree Meteorology and Oceanography, University of Michigan
1972 M.S. Degree Physical Oceanography, University of Michigan
1977 M.S. Degree Meteorology, UC Davis, UC San Diego
1990 Ph.D. Degree Oceanography, Russ Davis, Adviser, UC San Diego

Employment

1991-present Oceanographer (half-time), U.S. Geological Survey, Water Resources Division
1993-present Researcher (half-time), Climate, Atmospheric Science & Physical Oceanography Division,
Scripps Institution of Oceanography

Professional Memberships

American Meteorological Society, American Geophysical Union, The Oceanographic Society

Major Research Projects

1999-present Director, California Nevada Applications Program (a NOAA RISA Center),
<http://meteora.ucsd.edu/cnap/>
2003-present Director, California Climate Change Center (at Scripps), sponsored by the California
Energy Commission, <http://meteora.ucsd.edu/cnap/>

Selected Contributions to Refereed Literature

Cayan, D.R., T. Das, D.W. Pierce, T.P. Barnett, M. Tyree, A. Gershunov, 2010: Hydrology of the early 21st
century southwest drought-possible harbinger of future decades. *PNAS*, (in press)
Gershunov, A., D.R. Cayan and S.F. Iacobellis, 2009: The great 2006 heat wave over California and
Nevada: Signal of an increasing trend. *J. Climate*, **22**(23), 6181-6203.
Das, T., H. Hidalgo, M. Dettinger, D. Cayan, D. Pierce, C. Bonfils, T.P. Barnett, G. Bala and A. Mirin,
2009: Structure and origins of trends in hydrological measures over the western United
States. *J. Hydrometeorology*, **10**(4), 871-892.
Reisen, W.K., D.R. Cayan, M. Tyree, C.M. Barker B. Eldridge, and M. D. Dettinger, 2008: Impact of
climate variation on mosquito abundance in California. *J. Vector Ecology*, **33**(1), 89-98. (16)
Cayan, D.R., E.P. Maurer, M.D. Dettinger, M. Tyree and K. Hayhoe, 2008: Climate change scenarios for
the California region. *Climatic Change*, **87**, (Suppl 1):S21-S42. (11, also A 99)
Westerling, A.L., H.G. Hidalgo, D.R. Cayan, and T.W. Swetnam, 2006: Warming and earlier spring
increase western U.S. forest wildfire activity. *Science*, **313**, 940-943.
Knowles, N., M.D. Dettinger, and D.R. Cayan, 2006: Trends in snowfall versus rainfall for the western
United States. *J. Climate*, **19**(18), 4545-4559.
Cayan, D.R., S. Kammerdiener, M.D. Dettinger, J.M. Caprio, and D.H. Peterson, 2001: Changes in the
onset of spring in the western United States. *Bull. Am. Met Soc.*, **82**(3), 399-415.

PhD's Supervised at SIO:

Noah Knowles (degree, 2000), Jessica Lundquist (degree, 2004), Steve Taylor (degree, 2006; co-supervised with K.
Georgakokas), David Mansbach (degree 2010; co-advisor with Joel Norris), Lydia Roach (degree, 2010; co-advisor with
C. Charles), Jim Means (current).

Postdoctoral Researchers Supervised at SIO:

Noah Knowles, currently at USGS, Ganesh Pandey, currently at CA Dept of Water Resources, Iris Stewart, currently at
Santa Clara University, Anthony Westerling, currently at UC Merced, Hugo Hidalgo-Leon, currently at University of
Costa Rica, Jessica Lundquist, currently at U of Washington, Tapash Das, currently at SIO, Francisco Munoz-
Arriola, currently at SIO.

Recent Collaborators

M. Dettinger, *USGS San Diego*; D. Peterson, *USGS Menlo Park*; K. Redmond, *WRCC, Reno, NV*; A. Gershunov, *SIO*;
A. Westerling, *UC Merced*; N. Knowles, *USGS Menlo Park*; W. Reisen, *UC Davis*; D. Pierce, *SIO*; T. Das, *SIO*.

FAITH • PICKING

4973 SANTA CRUZ AVENUE • SAN DIEGO, CA 92107 • (858) 444-7368 • FAITHPICKING@HOTMAIL.COM

PROFESSIONAL EXPERIENCE

BIOCOM | San Diego, CA | 2005-Present

*Associate Director of Local Government Affairs, Manager of Public Policy,
Coordinator of Public Policy, Legislative Assistant*

Leader in the advocacy efforts of the Southern California life science industry with more than 560 members, including biotechnology, medical device, research institutions, universities and service providers.

- Research, monitor and provide briefings on local legislative and policy items.
- Responsible for all local lobbying efforts and interfacing with various regulatory bodies at the County and City level.
- Participate, organize and lead coalitions consisting of life science industry representatives, business community partners and related government staff.
- Provide testimony and represent the life science industry at local meetings and events; including but not limited to City of San Diego: County of San Diego, SANDAG, San Diego Housing Commission, San Diego County Water Authority, Coastal Commission, Regional Water Quality Control Board, San Diego Fire Bureau, City of Carlsbad, City of Oceanside and other regional agencies.
- Create programs, find sponsors and execute quarterly educational events for life science facilities professionals.
- Fundraise for BIOCOM endorsed local candidates (non-PAC related).
- Administer the San Diego Biotechnology Political Action Committee, including planning annual events to raise funds for the PAC, state candidates and elected officials.
- Manage Education, Process Improvements and Compliance for Environmental Risk Reduction (EPIC+) Program through the Environmental Health & Safety Committee. Received the Organization of the Year Award from the California State CUPA for the EPIC outreach efforts to San Diego County.

Benedict Properties | San Diego, CA | 2002-2004

Assistant Property Manager

Provided administrative support to the Property Manager.

- Answered phones, managed workmen by giving them their daily orders and followed up with residents.
- Set up meetings with potential residents to view available units.
- Organized, filed and reconciled the financial rent books on a monthly basis.

INTERNSHIPS

International Rescue Committee

San Diego, CA | 2004-2005

Intern

Provided educational support to at risk refugee students.

- Attended bi-weekly homework session to provide tutorial assistance and emotional support to refugees.
- Assisted in planning and executing field trips.

Institute on World Affairs

San Diego State University | San Diego, CA | 2003-2004

Delegate Receiver

Participated in the shared duties of welcoming international delegates, military leaders and journalists to the Institute on World Affairs. The purpose of the speaking series was to educate students and community leaders on international affairs.

- Assisted leading Professor with scheduling delegates through the semester.
- Interacted with international diplomats on behalf of the Institute on World Affairs.
- Assisted with transporting the delegates to the event and the execution of the speaking series.

EDUCATION

San Diego State University | San Diego, CA | May 2005

- Bachelor of Science, Political Science
- Bachelor of Science, International Security and Conflict Resolution

REFERENCES AVAILABLE UPON REQUEST

Professional Affiliations

State Bar of California (Admitted June 1974)
American Institute of Certified Planners (Admitted July 2000)
National Conflict Resolution Center, Land Use & Environmental Mediation Group (Affiliated October 2009)
San Diego County Superior Court Civil Mediation Panel (Admitted January 2010)
Congress for New Urbanism (Accredited December 2009)
American Planning Association
Association of Environmental Professionals
Urban Land Institute
Building Industry Association
U.S. Green Building Council

Public Service

California Indian Legal Services, Board of Directors, 2011-2012
San Diego Foundation, Greater San Diego Vision Project, Issues Task Force, 2011-12
San Diego River Park Foundation, Board of Directors, 2010-2012
City of San Diego Wetlands Advisory Board, 2009-12 (Chair, 2010-2012)
San Diego Association of Governments Regional Transportation Plan Working Group, 2009-11
San Diego City Council Land Use and Housing Technical Advisory Committee (Alternate), 2009
South Pasadena Community Redevelopment Commission (Chair), 2003-2006
Riverside County General Plan Advisory Committee, 1999-2001
City of San Bernardino Downtown Urban Plan Task Force, 1992-1993
Governor's Public Investment Task Force (Chair, Affordable Housing Committee), 1980-1981
Los Angeles City Council President's Fact-Finding Committee on Housing, 1980
Los Angeles City Planning Department Citizens' Advisory Committee, 1979-1980
Governor's Housing Task Force (Steering Committee), 1978-1979
Los Angeles City Council Committee on Rent Stabilization, 1978
Liberty Hill Foundation, Funding Board, 1976-1978
Los Angeles Mayor's Task Force on Redlining, 1975-1976

Teaching

Urban Studies Program, University of California, San Diego, 2011-2012
Center for Real Estate Studies, University of Southern California, 1987-1989
School of Urban and Regional Planning, University of Southern California, 1984-1986
Law Center, University of Southern California, 1981-1984
Urban Planning Department, UCLA, 1980-1983

Selected Articles

"A Call to Preserve Anza-Borrego State Park" (w/ Conrad Kramer), San Diego Union-Tribune, February 10, 2012
"Mediating Conflicts Over the Environment," Los Angeles Daily Journal, December 9, 2011
"A Diamond in the Rough" (San Diego River) (w/ Rob Hutsel), San Diego Union-Tribune, October 23, 2011

Selected Seminars and Conference Panel Presentations

American Planning Association National Convention (2012),
 “Mediating Land Use and Environmental Disputes”
American Planning Association, San Diego Chapter (2012),
 “Resolving Planning Disputes through Effective Outreach and Mediation”
Lambda Alpha International, San Diego Chapter (2012)
 “Developing and Implementing a Vision for the Region”
American Planning Association California State Conference (2011),
 “Mediation: A Better Way of Resolving Land Use and Environmental Disputes”
University of Southern California, School of Policy, Planning and Development (2011),
 “Sustainability, Retrofitting, Economic Stimulus & CEQA”
American Planning Association, San Diego Chapter (2010),
 “Land Use Mediation”
American Planning Association California State Conference (2010),
 “The Great California Water Debate”
American Planning Association National Convention (2010),
 “Achieving Consensus Among Commissioners”
Lambda Alpha International, San Diego Chapter (2010)
 “Mediating Land Use Conflicts”
San Diego County Bar Association (2010)
 “Mediating Land Use Conflicts”
Planning and Conservation League Annual Symposium (2010)
 “Protecting Wildlife In An Uncertain Climate”
Select Conference on Industry Litigation, California Building Industry Association (2009)
 “Resolving Land Use Disputes Through Mediation”
Urban Land Institute Place Making Conference (2007),
 “Mixed-Use and Sustainable Development”
American Planning Association National Convention (2005),
 “Small Towns, Big Projects”
American Planning Association California State Conference (2002),
 “Negotiating Effectively Among Planning Agencies, Citizen Groups and Developers”
Western Building Show – PCBC (2001),
 “Clearing the Hurdles to Smart Growth”
Urban Land Institute (2001),
 Smart Growth Advisory Workshop
American Planning Association Region VI Annual Conference (2000),
 “Smart Growth -- Overcoming Legal and Planning Obstacles” and
 “The Riverside County Integrated Plan”
Urban Land Institute Policy Forum, Los Angeles District Council (2000),
 “Encouraging Infill Housing Development”
California Association of Local Agency Formation Commissions Annual Conference (2000),
 “Growth Management Solutions and Growth Accommodation” and
 “Politics of Land Use and Environmental Legislation”
Western Building Show -- PCBC (2000)
 “The Politics of Growth”

- Chair, ASLA San Diego Water Conservation and Stormwater Committees, 2007-2010.
- Trustee, San Diego Chapter of the American Society of Landscape Architects, 2007 – present.
- Member, Public Utilities Advisory Commission, City of San Diego, 2002 – 2007 (Vice Chair 2005 – 2007).
- Vice President, Clairemont Town Council, 2003-2004.
- Member, City of San Diego Water Department's Citizen Advisory Board, 1999 – 2001 (Chair 2000 – 2001).
- Member, Public Advisory Committee, San Diego Strategic Plan for Water Supply, 1996.
- PTA President, Longfellow School, 1994.
- President, American Society of Landscape Architects, San Diego Chapter 1992.
- Chairman, Water Conservation and Management Committee, American Society of Landscape Architects, San Diego Chapter, 1989 - 1991.
- Technical advisor to the City of Carlsbad for the development of the City's landscape ordinance, 1991.
- Member, Landscape Irrigation Advisory Task Force, Otay Municipal Water District, 1991.
- Appointed Member of San Diego Mayor's task force on water conservation, 1992.
- County of San Diego Water Conservation and Management Technical Advisory Committee, Chairman 1991-1992, Member 1987 - 1992.
- Member, City of San Diego Landscape Ordinance Technical Advisory Committee, 1987-1989.

FACILITATION AND PRESENTATION

Mr. Schmidt is skilled and experienced in leading public meetings. On many occasions he has demonstrated his ability to integrate the ideas of diverse public and municipal groups toward a consensus which reflects the concerns of all involved.

Mr. Schmidt is also a skilled presenter and has been invited to speak at more than 75 local, state and national conferences and meetings. Recent examples include: Friends of Architecture San Diego lecture series, New School of Architecture lecture series, Sustainable Urban Landscape Conference (3 times), guest lecturer Texas A& M University, National Conference for the American Society of Landscape Architects, the California Parks and Recreation conference, and the National Parks and Recreation conference.

AWARDS AND RECOGNITION (Partial List)

- 19 Honor or Merit Awards, American Society of Landscape Architects (ASLA), San Diego.
- President's Award, Stone Brewing World Bistro & Gardens, Escondido, CA, American Society of Landscape Architects San Diego, 2009.
- 3 National Awards including ASLA National and the Rails to Trails Conservancy/ASLA .
- 8 Awards from the California Park and Recreation Society.
- 10 Awards from the American Public Works Association.
- 8 Orchid Awards, San Diego Architectural Foundation.
- International Design Competition Award, Jardin du Desert, Les Floreales D'Angers, France
- Glen Schmidt, recognized as Xeriscape "Person of the Year", Xeriscape Council of San Diego 1991.

EDUCATION

UNIVERSITY OF SAN DIEGO
Paralegal Certificate

UNIVERSITY OF CALIFORNIA, SAN DIEGO
Bachelor of Arts Degree, Media Communications

Boards/Committees/Memberships

- Association of Zoos & Aquariums (AZA)
 - Professional Fellow Membership
- California Association of Parks and Attractions (CAPA)
 - Board Chair
 - Executive Committee
- California Restaurant Association – San Diego Chapter
 - Government Relations Committee
- California Travel Association (Cal Travel)
 - Board Member
 - Government Affairs Committee
- California Association of Zoos & Aquariums (CAZA)
 - Board Member
- California Retailers Association
 - Government Affairs Committee
- Greater San Diego Chamber of Commerce
 - Public Policy Committee
- International Association of Amusement Parks and Attractions (IAAPA)
 - Zoo & Aquarium Committee
- LEAD San Diego
 - Member; alumna (class of 2003)
- National Women's Political Caucus
 - Member
- San Diego County Taxpayer's Association
 - Board Member
 - Executive Committee
 - Issues Committee

Skill Sets:

Public Affairs & Government Relations

| | |
|---------------------|-----------------------------------|
| Strategic Planning | Issues Management |
| Public Advocacy | Government Advocacy |
| Community Relations | Philanthropy and corporate giving |
| Positioning | |

Public Relations

Strategic Planning
Media Relations
Crisis Communications
Promotions
Media Tours
Media Briefings
Media Training

Copywriting

Advertisements
Newsletters
Direct mail
Brochures
Web sites
White papers
Editorials

JULIA M CHUNN

PO Box 1511 Solana Beach CA 92075 • (619) 246-8881 • julia@surfriderSD.org

OBJECTIVE

Seeking appointment to the Comprehensive Water Policy Implementation Task Force

EDUCATION

University of California, Los Angeles (B.A. in Psychology GPA 3.9)

June 2003

WORK EXPERIENCE

SURFRIDER FOUNDATION SAN DIEGO CHAPTER

May 2011-Present

Campaign Coordinator

- Oversight and coordination of Chapter's campaign and policy work
- Review environmental documents, draft comment letters
- Media spokesperson and designated representative to local coalitions and stakeholder groups
- Educate and train activists on issue campaigns and programs

SURFRIDER FOUNDATION AUSTRALIA

July 2008-November 2009

General Manager

- Management of national environmental organization
- Strategic and executive planning; budget oversight
- Coordination of grassroots activism, nationwide events, campaign management, precedent-setting awareness events, and media interviews
- Grant writing and fundraising
- Improving brand awareness and profile of the organization

COAST LAW GROUP

December 2006-June 2008

Environmental Coordinator

- Coordination of environmental clients, coalition coordination, and project management
- Review Environmental Impact Reports and draft comment letters to relevant government officials
- Review Local Coastal Plans, staff reports, attend hearings, provide presentations, and media interviews
- Track environmental issues and provide detailed understanding and written summaries
- Act as a liaison between law firm, local non-profits, and local government officials

VOLUNTEER and RELEVANT EXPERIENCE

SURFRIDER FOUNDATION, SAN DIEGO CHAPTER

Policy Coordinator

December 2007-June 2008

- On behalf of the chapter: liaison with City Council; attend and present at California Coastal Commission meetings, and document policy initiatives and victories. As part of executive team, responsible for overall strategic planning of Issue Campaigns and Programs; Communications liaison between Chapter Executive Board, Community, and Coast Law Group

Chapter Chair

January 2007-December 2007

- Responsible for leading the largest and most active Chapter within the network, implementing the Strategic Plan, motivating new volunteers. Duties included public speaking, giving media interviews, conducting meetings, and managing volunteers and staff. Helped initiate and Co-chair the Policy Committee

From 2002-2004, he served as a member of the Legal Affairs Committee of the Association of California Water Agencies. He has authored several published commentaries on water issues, generally.

From 2000-2006, Mr. Solar was general counsel to Basin Water, Inc., which became publicly traded on NASDAQ following its initial public offering in May, 2006. From 2000-2009, Mr. Solar served as a member of the Board of Directors of Basin Water, Inc. From 2006-2009, he served as chair of Basin Water Inc.'s Compensation Committee, and from 2007-2009 he served as chair of Basin Water Inc.'s Nominating and Governance Committee. Prior to the sale of all of its assets to Envirogen Technologies, Inc., Basin Water, Inc. was a leading provider of proven, cost-effective turnkey solutions for treating contaminated groundwater to drinking water standards.

Mr. Solar is the Managing Shareholder of the San Diego office of Buchanan Ingersoll & Rooney. He earned admission to the California bar in 1985. In 1982, he received an A.B., with highest distinction, from Indiana University, where he earned membership in the Phi Beta Kappa honors society. In 1985, he received his J.D., with great distinction, from McGeorge School of Law, University of the Pacific, where he earned membership to the Order of the Coif. From 1983-1984 he was a staff member, and from 1984-1985 he was Associate Articles Editor, of the Pacific Law Journal. He has authored a comment, *Collegiate Athletic Participation; A Property or Liberty Interest?* Vol. 15 Pacific Law Journal 1203.

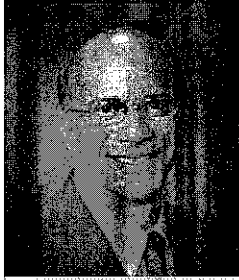
About Buchanan Ingersoll & Rooney

Buchanan Ingersoll & Rooney PC has more than 450 attorneys and government relations professionals. The firm's bicoastal reach provides clients with nationwide access to all of our attorneys and their respective areas of experience.

We are dedicated to building a deep understanding of our clients, their businesses and their industries, and in doing so have established industry focused client teams. Attorneys from different practice areas and geographic locations work together to understand the world from each client's perspective to address its unique needs.

The proof of our commitment to client service is in what they say about us. Buchanan was recently named on the "Client Service A-Team" for the sixth year in a row in an independent survey conducted by market research and management consulting firm BTI. The survey consisted of corporate counsel at large and Fortune 1000 companies. Buchanan made the Honor Roll in 10 of BTI's Key Factors that Drive Superior Client Relationships.

Our attorneys have experience in such industries as entertainment and media, pharmaceuticals, life sciences, financial services, energy, real estate, national security, natural resources and technology. Buchanan attorneys also focus on more than 65 different practice areas including Corporate Finance, Litigation, Intellectual Property, Tax, Government Relations, Financial Institutions, Bankruptcy and Creditors' Rights, Health Care, Government Contracts and Labor and Employment.



Keith R. Solar

keith.solar@bipc.com

T.: 619 685 1941

F.: 619 702 3898

For more than 20 years, Keith R. Solar has represented public and private clients in water rights and water-related matters.

With respect to water or water-related issues, Mr. Solar currently represents or has represented, among others: the City of Carlsbad, the Carlsbad Municipal Water District, the City of Indio, the County of San Diego, the Indio Water Authority, the San Diego County Water Authority, Basin Water, Inc., Empire Water Corporation, Global H2O, IDE Americas, James C. Roberts, Inc., Kaiser Ventures, Inc., Psomas Engineering, Rancon Real Estate, Sepro, and Western Water Company.

Mr. Solar has extensive experience with the negotiation and documentation of: purchase, sale and lease of adjudicated groundwater rights; purchase, sale and lease of groundwater; purchase and sale of real property for the purpose of acquiring associated water rights; acquisition, disposition and lease of privately-owned or municipal water systems; public/private partnerships for the sale, lease, operation and management of municipal water systems; acquisition, disposition and lease of shares in mutual water companies; agreements for the manufacture and sale of membranes and spiral wound elements for use in desalination facilities; agreements regarding desalination facilities, including without limitation agreements regarding the purchase of desalinated seawater, development agreements regarding conveyance facilities for desalinated seawater and water delivery agreements; water transfer and exchange agreements; and agreements for the treatment of contaminated groundwater.

Of particular application to public clients, since 2002, Mr. Solar has served as special counsel to the City of Carlsbad to assist that city and the Carlsbad Municipal Water District in, among other things, negotiating land use and water purchase agreements, respectively, for the Carlsbad Seawater Desalination Project. When built, that project will produce 50 million gallons per day of desalinated seawater and will be the largest desalination plant in the Western Hemisphere. In addition, while serving as deputy city attorney for the City of Indio, California, Mr. Solar formed the Indio Water Authority, a joint powers agency whose members are the City of Indio and the Indio Redevelopment Agency. The Authority was formed to lease and operate the city's municipal water system.

Further, of particular application to private clients, Mr. Solar has substantial experience with analyzing the nature and priority of riparian, overlying, appropriative or prescriptive water rights that such clients are applying or attempting to apply to reasonable and beneficial use.